

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-222517

(43)Date of publication of application : 21.08.1998

(51)Int.Cl.

G06F 17/30

(21)Application number : 09-034469

(71)Applicant : DAINIPPON PRINTING CO LTD

(22)Date of filing : 03.02.1997

(72)Inventor : MOTEGI TOSHIO

(54) THESAURUS DICTIONARY SYSTEM HAVING NUMERIC VALUE DECISION FUNCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To convert a quantitative key word into a qualitative key word.

SOLUTION: A set of key word that are mutually synonymous is one record, and many records R1, R2,... are prepared as a thesaurus dictionary. Each record prepares a representative key word and a synonymous key word as a qualitative key word and a conditional expression key word as a quantitative key word. When a character string that is 'maximum blood pressure = 180' is given, a conditional expression key word that includes an attribute part that is 'maximum blood pressure' is sought through retrieval. A conditional expression that is 'maximum blood pressure > 150' is retrieved from the record R1, and a conditional expression that is 'maximum blood pressure < 100' is retrieved from the record R2. When each conditional expression is substituted by a numeric value '180', and when a representative key word 'high blood pressure' of the record R1 whose condition is satisfied is outputted, a quantitative key word 'maximum blood pressure = 180' is converted into a qualitative key word 'high blood pressure'.

レコードR1	レコードR2
(代表キーワード) 高血圧	(代表キーワード) 低血圧
(関連キーワード) hypertension 血圧異常	(関連キーワード) hypotension 血圧異常
(条件式キーワード) 収縮期血圧>150 拡張期血圧>90 最大血圧>150 最小血圧>90	(条件式キーワード) 収縮期血圧<100 拡張期血圧<60 最大血圧<100 最小血圧<60